# **Technical Data Sheet**



SP4T Terminated Ramses N 3GHz Latching 28Vdc D-sub connector

PAGE 1/2 ISSUE 30.01.15 SERIE : SPnT PART NUMBER : R574023405

#### RF CHARACTERISTICS

Number of ways : 4

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	400 W

TERMINATION IMPEDANCE : 50 Ohms

TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

#### **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING

Nominal current \*\* : 125 mA / RESET : 500 mA \*\*\*\*

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON

Terminals : 25 pins D-SUB male connector

### MECHANICAL CHARACTERISTICS

Connectors : N female per MIL-C 39012
Life : 2.000.000 cycles per position

Switching Time\*\*\* : < 15 ms

Construction : Splashproof

Weight : < 460 g

## ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C

(\* Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

(\*\*\* Nominal voltage; 25° C)

(\*\*\*\* Reset : supply voltage time 1sec. max. / duty cycle 10%)



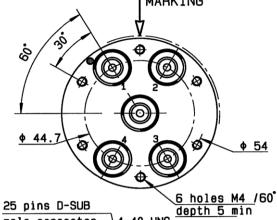
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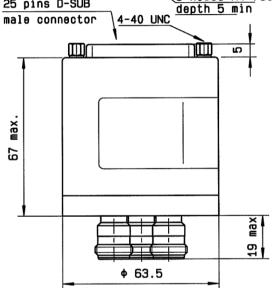
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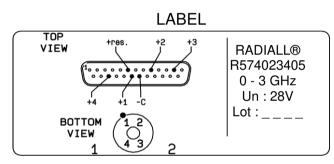
PAGE **2/2** ISSUE 30.01.15 SERIE: SPnT PART NUMBER: **R574023405 DRAWING** 

# MARKING



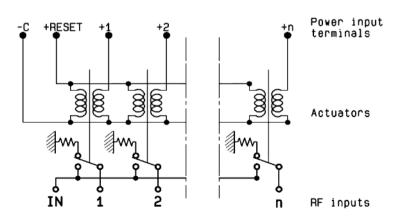
Voltage	RF Continuity
-C +RESET	All ports open
-C +1	IN ↔ 1
-C +2	$IN \leftrightarrow 2$
-C +3	$IN \leftrightarrow 3$
-C +4	IN ↔ 4





General tolerances: ±0.5 mm

#### SCHEMATIC DIAGRAM



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